

EXM ELECTRIC DOOR HOLDER MAGNETS

Zones 1, 2, 21, 22

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MISCELLANEOUS

ZONES 1, 2 (gas) & 21, 22 (dust)



EXM door holder magnets to keep doors open or closed as long as supply voltage is available. Explosion-proof magnets for fire doors, fire dampers or safety doors and locks.

When the supply voltage is cut off, the magnet loses its retention force and the safety operation is working when using appropriate mechanisms like springs, weights, cranks or similar safety placements provided by the customer.

Maintenance free.
An inspection is recommended every 6 months.





EU-Type Examination Certificate

ITEM REFERENCES

Type	Current consumption:	Power:	Force:	Dimensions: (connectors included)	Weight:	Item No.:
EXM-650	45 mA	~ 1 W	650 N	~ 138x66x43 mm	~ 650 gr	7F0201
EXM-1300	65 mA	~ 1,5 W	1300 N	~ 164x86x58 mm	~ 1950 gr	7F0202
EXM-2000	160 mA	~ 3,7 W	2000 N	~ 164x86x58 mm	~ 1950 gr	7F0203

TECHNICAL SPECIFICATIONS

Marking:	 II 2G Ex mb IIC T6 Gb  II 2D Ex tb IIIC T80°C Db IP65
Certificate:	EU-Type Examination Certificate
Housing:	Steel, plastic (Polycarbonate)
Operating temperature:	-20°C to +55°C
Power supply:	24 VDC ± 10% (21,6...26,4 VDC)
Ripple:	max. 20%
Ingress protection:	IP65
Connection:	~ 1 m cable PVC, non-halogen and silicone free. Wire cross section ~ 1 mm ² Connections in hazardous areas require an Ex-e terminal box!
Delivery:	Electromagnetic holder without anchor plate and mounting material

Dimensions	EXM-650, GH-6	EXM-1300, ...-2000, GH-13/20
	A	104 mm
B	66 mm	86 mm
C	52 mm	70 mm
D	55 mm	64 mm
E	34 mm	34 mm
F	43 mm	58 mm
G	Ø 54 mm	Ø 81 mm
H	38 mm	43 mm
I	60 mm	80 mm
K	44 mm	60 mm
L	Ø 56 mm	Ø 86 mm
M	51 mm	62 mm
N	Ø 6.3 mm	Ø 8.0 mm

ACCESSORIES AND SPECIAL DESIGNS

Type:	Technical SPECIFICATIONS:
...-05	Magnet with 5 m cable (PVC, non-halogen and silicon free)
...-15	Magnet with 15 m cable (PVC, non-halogen and silicon free)
GH-6	Anchor plate for EXM-650
GH-13/20	Anchor plate for EXM-1300 and EXM-2000
ExBox-3P	Ex-e terminal boxes for zone 1, 2, 21, 22
EXC-K4/S...	Ex-e terminal boxes with integral fuse
EXC-T1	Ex-e pushbutton for manual release
N1 power supply	Input: 100...230 VAC, 0.29-0.18 A, 50/60 Hz 120...230 VDC, 0.14-0.07 A Output: 24 VDC, max. 0.6 A

